

Serial No.: 09/911,125

Docket No.: PHDE000244US (987.0006USU)

Listing of Claims

1. (Currently Amended) A fluid movement system for moving a sample fluid comprising:
pressure variation means for moving the sample fluid under the influence of a pressure variation applied to the fluid movement system, and
timing means for controlling the timing for releasing a pressure in the pressure variation means wherein the pressure variation means comprises volume-variation means for generating an overpressure and/or an underpressure by means of a volumetric variation and wherein the pressure variation means further comprises a resilient member for counter-acting against the volumetric variation applied to the volume-variation means.
2. (Previously Presented) The fluid movement system of claim 1, further comprising a sensing element for sensing the sample fluid, wherein the pressure variation means is arranged for moving the sample fluid from and/or to the sensing element.
3. (Previously Presented) The fluid movement system of claim 1, further comprising fluid guiding means for guiding the sample fluid.
4. (Cancelled) The fluid movement system of claim 1, wherein the pressure variation means comprises volume-variation means for generating an overpressure and/or an underpressure by means of a volumetric variation.
5. (Currently Amended) The fluid movement system of ~~claim 4~~ claim 1, wherein the pressure variation means further comprises at least one valve.
6. (Cancelled) The fluid movement system of claim 4, wherein the pressure variation means further comprises a resilient member for counter-acting against the volumetric variation applied to the volume-variation means.

Serial No.: 09/911,125

Docket No.: PHDE000244US (987.0006USU)

7. (Previously Presented) The fluid movement system of claim 1, wherein the pressure variation means comprises:

volume-variation means for successively generating an overpressure and/or an

underpressure by means of a volumetric variation,

a first valve for releasing the overpressure and/or for at least temporarily maintaining the underpressure, and

a resilient member for counter-acting against the volumetric variation applied to the volume-variation means.

8. (Previously Presented) The fluid movement system of claim 7, further comprising:

a second valve for securing the sample fluid against movement as long as the

overpressure is maintained and/or for allowing the sample fluid to move as long as the underpressure is maintained.

9. (Withdrawn) A method for moving a sample fluid comprising:

providing a pressure variation,

moving the sample fluid under the influence of the provided pressure variation,

and

controlling the timing for releasing a pressure in the pressure variation means.

10. (Withdrawn) A method for sensing a sample fluid, comprising:

providing the sample fluid into a cartridge,

inserting the cartridge into a reading device,

providing a pressure variation in the cartridge,

moving the sample fluid to a sensing element by using the provided pressure

variation,

controlling the timing for releasing a pressure in the pressure variation means, and

sensing the moved the sample fluid by means of the sensing element.

Serial No.: 09/911,125

Docket No.: PHDE000244US (987.0006USU)

11. (Withdrawn) A software program, adapted to be provided by any kind of data carrier, for executing the steps of a method for moving a sample fluid when run in or by any suitable data processing unit, said method comprising:
providing a pressure variation,
moving the sample fluid under the influence of the provided pressure variation, and
controlling the timing for releasing a pressure in the pressure variation means.

12. (Previously Presented) The fluid movement system of claim 1, wherein said fluid movement system is included in a cartridge to be inserted into a reading device.

13. (Previously Presented) The fluid movement system of claim 1, further comprising fluid guiding means for guiding the sample fluid by means of capillary forces.

14. (Withdrawn) The method of claim 9, wherein said sample fluid is included in a cartridge to be inserted into a reading device.

15. (Withdrawn) The software program of claim 11, wherein said software program is stored on a data carrier.

16. (New) A fluid movement system for moving a sample fluid comprising:
pressure variation means for moving the sample fluid under the influence of a pressure variation applied to the fluid movement system, and
timing means for controlling the timing for releasing a pressure in the pressure variation means wherein said fluid movement system is included in a cartridge to be inserted into a reading device.